

Henry's constants prediction study of VPC in several types solvents by UNIFAC-FV

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Abstrak

Absorption of hydrophobic volatile organic compounds (VOC) such as toluene, was studied. In order to characterise the absorption of toluene/oil solvent systems, the Henry's constant (H) was determined. Prediction of Henry's constants are also carried out using UNIFAC-FV model which is known to be suitable for hydrocarbon gases and high-boiling point hydrocarbon solvent. kg/cm², 220 kg/cm² dan 260 kg/cm².